## IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A liquid resin, intended in particular for the sizing of mineral fibers, exhibiting a dilutability in water at 20°C at least equal to 1 000%, comprising characterized in that it is composed for at least 70% by weight of condensates obtained from a phenolic compound, from formaldehyde and from an aminoalcohol according to the Mannich reaction.

Claim 2 (Currently Amended): The resin as claimed in claim 1, wherein characterized in that the phenolic compound is phenol, a cresol, resorcinol or a mixture of these compounds.

Claim 3 (Currently Amended): The resin as claimed in claim 1-or 2, wherein characterized in that the aminoalcohol is selected from the group consisting of chosen from the compounds of formula

$$R_1$$
 $R_2$ 
 $N-H$ 

wherein in which  $R_1$  and  $R_2$ , which are identical or different, represent H or a linear or branched  $C_1$ - $C_{10}$ , preferably  $C_2$ - $C_{55}$ , hydrocarbonaceous chain which can <u>comprise</u> include one or more unsaturations and one or more OH radicals, at least one of  $R_1$  or  $R_2$  <u>comprising</u> including at least one OH radical.

Claim 4 (Currently Amended): The resin as claimed in claim 3, wherein characterized in that the OH radical is carried by the terminal carbon atom of the hydrocarbonaceous chain and, preferably, each R<sub>1</sub> and R<sub>2</sub> radical carries a hydroxyl functional group on the terminal carbon of the hydrocarbonaceous chain.

Claim 5 (Currently Amended): The resin as claimed in claim 4, wherein characterized in that the aminoalcohol is monoethanolamine or diethanolamine.

Claim 6 (Currently Amended): The resin as claimed in <u>claim 1</u>, <u>wherein one of elaims 1 to 5</u>, <u>characterized in that it the resin</u> exhibits a level of free formaldehyde of less than 0.4%.

Claim 7 (Currently Amended): The resin as claimed in <u>claim 1</u>, <u>wherein</u> one of elaims 1 to 6, characterized in that it <u>the resin</u> exhibits a level of free phenolic compound of less than 0.02%.

Claim 8 (Currently Amended): The resin as claimed in <u>claim 1</u>, <u>wherein one of elaims 1 to 7</u>, <u>characterized in that it the resin</u> exhibits a level of free formaldehyde of less than 0.25%, a level of phenolic compound of less than 0.01% and an infinite dilutability.

Claim 9 (Currently Amended): The resin as claimed in <u>claim 1</u>, <u>wherein one of elaims 1 to 8</u>, <u>characterized in that it the resin</u> exhibits a level of ash of less than 0.04% by weight of dry resin.

Claim 10 (Currently Amended): A process for the preparation of the resin as claimed in one of claims 1 to 9 claim 1, which consists of:

- in reacting a phenolic compound, formaldehyde and an aminoalcohol according to the Mannich reaction in a formaldehyde/phenolic compound molar ratio of greater than 1, the formaldehyde and the aminoalcohol being reacted simultaneously with the phenolic compound,

- and in cooling the reaction mixture.

Claim 11 (Currently Amended): The process as claimed in claim 10, eharacterized in that wherein the formaldehyde and the aminoalcohol are reacted gradually with the phenol.

Claim 12 (Currently Amended): The process as claimed in claim 10 or 11, characterized in that wherein the formaldehyde, the aminoalcohol and the phenolic compound are reacted in a formaldehyde/phenolic compound and aminoalcohol/phenolic compound molar ratio of between 2 and 3, preferably equal to approximately 3, until a degree of conversion of the phenolic compound of equal to or greater than 99% is obtained.

Claim 13 (Currently Amended): The process as claimed in one of claims 10 to 12 claim 10, characterized in that wherein the reaction temperature is between 60 and 100°C and preferably equal to approximately 75°C.

Claim 14 (Currently Amended): The process as claimed in claim 10, eharacterized in that wherein the formaldehyde and aminoalcohol are introduced separately into the phenolic compound.

Claim 15 (Currently Amended): The process as claimed in claim 10, eharacterized in that wherein the formaldehyde and aminoalcohol are introduced into the phenolic compound after having been mixed beforehand.

Claim 16 (Currently Amended): A sizing composition for mineral fibers, comprising a resin in accordance with one of claims 1 to 9 claim 1, and a crosslinking agent, and optionally additives.

Claim 17 (Currently Amended): The composition as claimed in claim 16, eharacterized in that it comprises comprising, expressed as parts of dry matter, from 18 to 65 parts by weight of resin and from 10 to 82 parts by weight of crosslinking agent.

Claim 18 (Currently Amended): The composition as claimed in claim 16 or 17, eharacterized in that wherein the crosslinking agent is a compound including comprising at least two functional groups capable of reacting with the amine functional groups or the hydroxyl functional groups of the resin.

Claim 19 (Currently Amended): The composition as claimed in claim 18, eharacterized in that wherein the crosslinking agent is formaldehyde, an amine, such as HMTA, an acid, such as phthalic acid, isophthalic acid, terephthalic acid and citric acid, a poly(carboxylic or acrylic acid) of high molecular mass, of the order of 500 and preferably between 1 000 and 5 000, an anhydride of these acids or a mixture of these compounds.

Claim 20 (Currently Amended): A mineral fiber coated with the sizing composition as claimed in one of claims 16 to 19 claim 16.

Claim 21 (Currently Amended): The mineral fiber as claimed in claim 20, characterized in that it is composed of comprises glass or of rock.

Claim 22 (Currently Amended): A tissue mat of mineral fibers, in particular of glass fibers, characterized in that it comprises comprising a fiber as claimed in claim 20 or 21, and that it, wherein the tissue mat has a weight per unit area of between 10 and 300 g/m².

Claim 23 (Currently Amended): A thermal and/or sound insulation product obtained by forming a blanket of sized mineral fiber as claimed in either of claims 20 and 21 claim 20.

Claim 24 (Currently Amended): The product as claimed in claim 23, characterized in that it additionally comprises further comprising a fiber tissue mat as claimed in claim 22 positioned over at least one of the external faces.